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“पुराने को छोड़ नये के तरफ”

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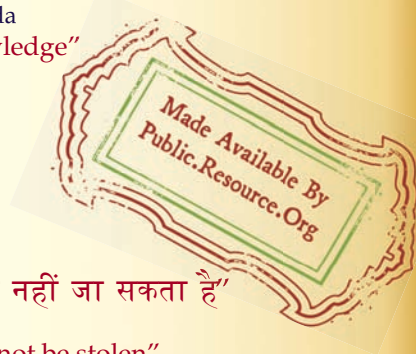
IS 15092 (2002): Single Point Cutting Tools - Corner Radii
[PGD 32: Cutting tools]



“ज्ञान से एक नये भारत का निर्माण”

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“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
एक नोंक वाले कटिंग औजार — कोने की त्रिज्या

Indian Standard

SINGLE POINT CUTTING TOOLS — CORNER RADII

ICS 25.100.01

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 3286 : 1976 'Single point cutting tools — Corner radii' issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of Single Point Cutting Tools, Carbide Tips and Indexable Inserts Sectional Committee and approval of the Basic and Production Engineering Division Council.

The text of the ISO Standard has been approved as suitable for publication as Indian Standard without deviations. In this adopted standard, certain terminology and conventions are not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker in the International Standard while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

SINGLE POINT CUTTING TOOLS — CORNER RADII

1 SCOPE AND FIELD OF APPLICATION

The International Standard lays down the values for the corner radius of single point cutting tools.

It applies to all types of single point cutting tools (with or without inserts), the corner of which is rounded.

2 DIMENSIONS

Corner radii shall have the dimensions given in the table.

3 TOLERANCES

Tolerance on the corner radius will be given in particular tool standards, if necessary.

TABLE

Corner radius r_e	
mm	in
0,2	0.008
0,4	1/64
0,8	1/32
1,2	3/64
1,6	1/16
2,0	5/64
2,5*	3/32
3,2	1/8

* For indexable (throwaway) inserts, corner radius 2,4 mm instead of 2,5 mm is to be used.

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Amendments Issued Since Publication

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